

Title (en)

INTERFACE DISPLAY METHOD AND ELECTRONIC DEVICE

Title (de)

SCHNITTSTELLENANZEIGEVERFAHREN UND ELEKTRONISCHE VORRICHTUNG

Title (fr)

PROCÉDÉ D'AFFICHAGE D'INTERFACE ET DISPOSITIF ÉLECTRONIQUE

Publication

EP 4216524 A1 20230726 (EN)

Application

EP 21884945 A 20211014

Priority

- CN 202011176906 A 20201028
- CN 2021123829 W 20211014

Abstract (en)

Embodiments of this application provide an interface display method and an electronic device. The method includes: performing screen-on interception in response to a screen wakeup operation performed by a user on an electronic device, to prevent a screen from being lit up; drawing an interface that adapts to a screen orientation; and after the interface is drawn, disabling screen-on interception, and displaying the interface based on the screen orientation. The electronic device may collect and report data in real time through a sensor, and calculate a current screen orientation in real time, so that the drawn interface adapts to the current screen orientation. Therefore, even if the screen of the electronic device is rotated when the screen is off, after a screen wakeup operation performed by the user is detected, an interface displayed when the screen is on can also adapt to a screen orientation obtained after the screen is rotated, and a screen rotation animation does not need to be played. The user can directly perform an operation on the interface without waiting. This reduces waiting time in which the user cannot perform an operation.

IPC 8 full level

H04M 1/72454 (2021.01); **G06F 9/451** (2018.01)

CPC (source: CN EP US)

G06F 1/1626 (2013.01 - US); **G06F 1/3246** (2013.01 - US); **G06F 9/451** (2018.02 - CN EP); **H04M 1/72454** (2021.01 - CN EP); **G06F 2200/1614** (2013.01 - EP US); **G06F 2200/1637** (2013.01 - EP US); **H04M 2250/12** (2013.01 - CN EP); **Y02D 30/70** (2020.08 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

EP 4216524 A1 20230726; **EP 4216524 A4 20240313**; CN 114500732 A 20220513; CN 114500732 B 20230331; CN 116389640 A 20230704; JP 2023546870 A 20231108; US 2023315148 A1 20231005; WO 2022089216 A1 20220505

DOCDB simple family (application)

EP 21884945 A 20211014; CN 202011176906 A 20201028; CN 2021123829 W 20211014; CN 202310378057 A 20201028; JP 2023522928 A 20211014; US 202318306717 A 20230425